

IN THE CLAIMS:

Please amend the Claims as follows:

- 1) (original) A method for transcoding web-page content for a limited-display
 - a) upon receiving a web page request from a limited-display computing device, sending the web page request to a server computer that contains the requested web page document;
 - b) receiving from said server computer a web page document that can be used to generate a display;
 - c) searching said web page document for sequences of textual references to images that are directly adjoining;
 - d) when said web page document includes a sequence of textual references to images that are directly adjoining, rendering each of the images represented by said textual references that are directly adjoining so as to generate a composite image;
 - e) scaling each composite image rendered in step d) to meet the display requirements of said limited-display computing device; and
 - f) sending each composite image scaled in step e) to said limited-display computing device.
- 2) (original) The method of Claim 1 wherein said web page document is written in a Hypertext Markup Language (HTML).
- 3) (original) The method of Claim 2 wherein said sequence of textual references to images are directly adjoining vertically.
- 4) (original) The method of Claim 1 wherein step d) further comprises:
 - d 1) when said web page document includes a formatting object that includes a plurality of textual references to images, rendering each of the images represented by a

textual reference to an image that is disposed in said formatting object so as to generate a composite image.

5) (original) The method as recited in Claim 1 wherein step e) further includes reducing the bit depth of said composite image to meet the display requirements of said limited-display computing device.

6) (original) The method as recited in Claim 1 wherein said images rendered in step d) are rendered to an image size corresponding to the image size of a full-size display screen.

7) (original) The method as recited in Claim 6 wherein all of said web page document except said images rendered in step d) are transcoded using a normal transcoding process and are sent in step f) to said limited-display computing device.

8) (currently amended) The method as described in Claim 1 wherein said limited-display computing device is selected from the group consisting of [[palmtop]] handheld computing device, a mobile phone, a pager, and an Internet appliance.

9) (original) A method for transcoding web-page content for a limited display computing device comprising the steps of:

a) upon receiving a web page request from a limited-display computing device, sending the web page request to a server computer that contains the requested web page document;

b) receiving from said server computer a web page document that can be used to generate a display;

c) searching said web page document for formatting objects that include a plurality of textual references to images;

d) when said web page document includes a formatting object that includes a plurality of textual references to images, rendering each of the images represented by said

textual references to an image that is disposed in said formatting object so as to generate a composite image;

e) scaling each composite image rendered in step d) to meet the display requirements of said limited-display computing device; and

f) sending each composite image scaled in step e) to said limited-display computing device.

10. (original) The method of Claim 9 wherein said web page document is written in a Hypertext Markup Language (HTML).

11. (original) The method of Claim 10 wherein said formatting object is a table.

12. (original) The method of Claim 10 wherein said formatting object is a frame.

13. (original) The method of Claim 9 wherein step d) further comprises:

d 1) when said web page document includes a sequence of textual references to images that are directly adjoining, rendering each of the images represented by said textual references that are directly adjoining so as to generate a composite image.

14. (original) The method as recited in Claim 9 wherein step e) further includes reducing the bit depth of said composite image to meet the display requirements of said limited-display computing device .

15. (original) The method as recited in Claim 9 wherein said images rendered in step d) are rendered to an image size corresponding to the image size of a full-size display screen.

16. (original) The method as recited in Claim 15 wherein all of said web page document except said images rendered in step d) are transcoded using a normal transcoding process and are sent in step f) to said limited-display computing device.

17. (currently amended) The method as described in Claim 9 wherein said limited-display computing device is selected from the group consisting of ~~[[palmtop]]~~ handheld computing device, a mobile phone, a pager, and an Internet appliance.

18. (original) In a computer system including a processor coupled to a bus, and a memory unit coupled to the bus for storing information, a computer implemented method for transcoding web-page content for a limited-display computing device comprising the steps of:

a) upon receiving a web page request from a limited-display computing device, sending the web page request to a server computer that contains the requested web page document;

b) receiving from said server computer a web page document that can be used to generate a display;

c) searching said web page document for sequences of textual references to images that are directly adjoining and for formatting objects that include a plurality of textual references to images;

d) when said web page document includes a sequence of textual references to images that are directly adjoining, rendering each of the images represented by said textual references that are directly adjoining so as to generate a composite image;

e) when said web page document includes a formatting object that includes a plurality of textual references to images, rendering each of the images represented by a textual reference to an image that is disposed in said formatting object so as to generate a composite image;

f) scaling each composite image rendered in steps d) and e) to meet the display requirements of said limited-display computing device; and

g) sending each composite image scaled in step e) to said limited-display computing device.

Application No.: 09/844,925
Amendment dated: January 10, 2005
Reply to Office Action of: August 24, 2004

19. (original) The computer implemented method as described in Claim 18 wherein said web page document is written in a Hypertext Markup Language (HTML).

20. (original) The method of Claim 18 wherein said formatting object is a table.

21. (original) The method of Claim 18 wherein said formatting object is a frame.